

U.S. Patent Application Serial No. 10/667,600  
Response filed November 24, 2004  
Reply to OA dated August 25, 2004

**ABSTRACT OF THE DISCLOSURE:**

A hair iron device having a hair iron main body, which holds hair with a first iron and a second iron oscillating to open and close, in order to set the hair. Plural small protruding portions having a pyramid shape are disposed on corresponding faces, and mutually come close to each other when the first and second irons are moved toward each other, so as to mutually engage.